



SmartTouch™

POWER HEATER with Remote

MODEL BFH3414/BFH3416



Read instructions before operating. Retain for future reference.

Instruction Leaflet



428-0718

INFO-LINE

If after having read this leaflet, you have any questions or comments on your heater, call **1-800-788-5350** in North America.

PLEASE READ AND SAVE THESE IMPORTANT SAFEGUARDS.

IMPORTANT INSTRUCTIONS

When using electrical appliances, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and injury to persons, including the following:

1. Read all instructions before using the appliance.
2. To avoid fire or shock hazard, plug the appliance directly into a 120V AC electrical outlet.
3. The heater is hot when in use. To avoid burns, DO NOT let bare skin touch hot surfaces. If provided, use handles when moving this heater. Keep combustible materials, such as furniture, pillows, bedding, papers, clothes, and curtains at least 3 ft (0.9 m) from the front of the heater and keep them away from the sides and rear.
4. DO NOT run cord under carpeting. DO NOT cover cord with throw rugs, runners, or the like. Arrange cord away from traffic area and where it will not be tripped over.
5. This heater is not intended for use in bathrooms, laundry areas and similar indoor location. NEVER locate heater where it may fall into a bathtub or other water container.
6. Extreme caution is necessary when any heater is used by, or near, children or disabled persons, and whenever the heater is left operating and unattended.
7. DO NOT insert or allow foreign objects to enter any ventilation or exhaust opening as this may cause an electric shock or fire, or damage the heater.
8. DO NOT operate heater with a damaged cord or plug, or after the heater malfunctions, has been dropped or damaged in any manner. Return appliance to manufacturer for examination, electrical or mechanical adjustment, or repair.
9. A heater has hot and arcing, or sparking, parts inside. DO NOT use it in areas where gasoline, paint, or flammable liquids are used or stored.

10. Use appliance only for intended household use as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to persons. The use of attachments not recommended or sold by Bionaire® may cause hazards.
11. DO NOT use outdoors.
12. To prevent a possible fire, DO NOT block air intakes or exhaust in any manner. DO NOT use on soft surfaces, like a bed, where openings may become blocked.
13. To disconnect heater, set controls to OFF, then remove plug from outlet.
14. Avoid the use of an extension cord because the extension cord may overheat and cause a risk of fire. However, if you have to use an extension cord, the cord shall be No. 14 AWG minimum size and rated not less than 1875 watts.
15. Always unplug the heater when not in use.
16. Discontinue use if plug outlet is hot. We recommend outlet be replaced if plug or outlet is hot to touch.

PLEASE SAVE THESE INSTRUCTIONS.

CONSUMER SAFETY INFORMATION

THIS PRODUCT IS EQUIPPED WITH A POLARIZED AC (Alternating Current) PLUG (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. If the plug does not fit fully into the outlet, reverse the plug. If it still does not fit, contact qualified personnel to install the proper outlet.



DO NOT DEFEAT THE SAFETY PURPOSE OF THIS POLARIZED PLUG IN ANY WAY.

The length of the cord used on this product was selected to reduce the hazards of becoming tangled in, or tripping over a longer cord. If a longer cord is necessary an approved extension cord may be used. The electrical rating of the extension cord must be equal to or greater

WARRANTY

Bionaire® warrants to the first retail purchaser, for TWO (2) YEARS from the date of original purchase, either to repair or replace at its option, without charge (parts and labor), any supplied or manufactured part of this heater which, upon inspection by an authorized service center, proves to have failed in normal use due to defects in material or workmanship, or, at its option, to replace the unit.

Operation under conditions other than those recommended or at voltages other than the voltage indicated on the unit, or any attempts by unauthorized personnel to service the unit or modify it, will render the guarantee void.

Bionaire® shall not be liable for any personal injury, property damage or any incidental or consequential damages of any kind (including water damage), resulting from defects, malfunctions, misuse, improper installation or alteration of the product.

BIONAIRE® EXPRESSLY DISCLAIMS ALL RESPONSIBILITY FOR CONSEQUENTIAL DAMAGES OR INCIDENTAL LOSSES CAUSED BY USE OF THIS PRODUCT.

The provisions of this warranty are in addition to, and not a modification of, or subtraction from, the statutory warranties and other rights and remedies contained in any applicable legislation and to the extent that any such provision purports to disclaim, exclude or limit any such statutory warranties or other rights or remedies, such provisions shall be deemed to be amended to the extent necessary to comply therewith.


For Warranty Service, please call 1-800-788-5350 in North America.

A Bionaire® consumer service representative will help determine which is the best procedure in order for your heater to be repaired.

KEEP THIS NUMBER FOR FUTURE REFERENCE.

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SmartTouch™ is a trademark of The Holmes Group, Inc.

HEATER SERVICE INSTRUCTIONS

1. Do NOT attempt to repair or adjust any electrical or mechanical functions on this unit. Doing so will void the warranty. The inside of the unit contains no user serviceable parts. All servicing should be performed by qualified personnel only.
2. If you need to exchange the unit, please return it in its original carton, with a sales receipt, to the store where you purchased it. If you are returning the unit more than 30 days after the date of purchase, please see the enclosed warranty.
3. For service information please call **1-800-788-5350** or visit our website at **www.bionaire.com**.
4.  If you have any other questions or comments, feel free to write to us:



The Holmes Group, Inc.
Consumer Service Department
32B Spur Drive
El Paso, TX 79906

than the rating of the heater. Care must be taken to arrange the extension cord where it cannot be pulled on by children or accidentally tripped over.

AUTO SHUT-OFF

To prevent damage and risks due to overheating this unit is equipped with a built-in overheat, protection device. It cuts off the power as soon as the heater's internal temperature becomes too hot. This patented, technologically advanced system requires the user to reset the heater if there is a potential overheat situation. It will only resume operation when the user resets it.

To Reset the Heater:

1. Unplug the heater and wait 10 minutes for the unit to cool down.
2. After the 10 minutes, plug the unit in again and operate normally.
3. Push power button on, set Mode to desired setting.

PRE-OPERATING INSTRUCTIONS

Carefully unpack your heater from the box (it is recommended to save the box for off-season storage).

OPERATING INSTRUCTIONS

1. Place the unit on a firm level surface. Plug in the heater to a 120V power source.
2. To start the unit, press the mode button. The POWER light will remain lit while the heater is in operation.

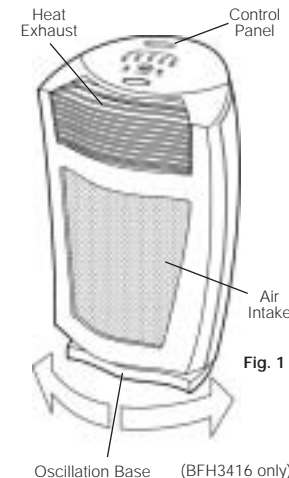


Fig. 1

SMARTTOUCH™ THERMOSTAT INSTRUCTIONS

To take advantage of the SmartTouch™ Thermostat continue to press the MODE/OFF button until the desired temperature is set in either the HIGH (1500 Watt) or LOW (750 Watt) setting. When ambient temperature rises above the set temperature, the heater will stop.


When the ambient temperature drops below the set temperature, the heater will turn on automatically.

Note: When the SmartTouch™ thermostat is set, either the HIGH or LOW power light, and the set temperature light will remain lit during operation.

Note: It is normal for the heater to cycle ON and OFF as it maintains the preset temperature. To prevent the unit from cycling, you need to raise the thermostat setting.

Note: SmartTouch™ has memory. The SmartTouch™ thermostat will remember the previous temperature setting after the unit has been turned off. However, if the unit is unplugged, the SmartTouch™ thermostat will be reset and will no longer remember the previous temperature setting.

REMOTE CONTROL OPERATION

1. Before operation, insert 2 AAA batteries into the back of the remote control.
 - Do not mix old and new batteries.
 - Do not mix alkaline, standard (carbon-zinc), or rechargeable (nickel-cadmium) batteries.
2. Press the power button () on the remote control to begin operation. Press the button a second time to turn the heater off.
3. To change the heat or thermostat settings, press the mode button. The mode button will scroll through the two heat settings, then switch into Auto mode so that the thermostat can be adjusted. Once in Auto mode, continue to press the mode button until the desired temperature setting is reached.



OSCILLATION (BFH3416 ONLY)

For maximum heat distribution use the oscillation function.

1. Press the Oscillation button on the remote control to begin 90° oscillation.
2. To stop the heater from oscillating, press the Oscillation button a second time; the unit will stop in that direction. To resume oscillation, press the Oscillation button again.

Note: The oscillation feature can only be operated from the Remote Control.

DO NOT attempt to turn oscillation by hand. Severe damage to the mechanism could result.

MAINTENANCE INSTRUCTIONS

During Season Care

Before cleaning make sure the unit is unplugged.

1. Allow the heater to cool before cleaning.
2. Carefully wipe the unit with a soft, damp cloth.
3. Please be cautious near the heating elements.



TIP: Over time, dust may accumulate on the front grills. This can be removed by wiping the unit with a damp cloth. Always unplug unit and allow to cool prior to cleaning.

After Season Care

Store heater in a cool, dry location. Bionaire® recommends storing the unit in its original, or appropriately sized, box.

TROUBLESHOOTING



If your heater fails to operate:

- ✓ Make sure the electrical outlet or circuit breaker is working.
- ✓ Check for obstructions. If you find an obstruction turn the heater OFF, and follow the Reset Instructions in the manual. Carefully remove the obstruction.
- ✓ The thermostat might be set too low. Adjust the thermostat until the heater restarts.

Please DO NOT attempt to open or repair the heater. Please see the Warranty for Service Instructions.